INCH-POUND

MIL-DTL-83796A
18 September 2000
SUPERSEDING
MIL-H-83796
1 August 1974

DETAIL SPECIFICATION

HOSE ASSEMBLY, RUBBER, LIGHTWEIGHT, MEDIUM PRESSURE, GENERAL SPECIFICATION FOR

This specification is approved for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers the requirements for hose assemblies with operating limits of -65 to 250°F maximum and 200 to 1000 psi for use in fuel and lubricating oil systems within the limits specified herein.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation (see 6.2).

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, Defense Supply Center, Columbus, DSCC-VAI, 3990 East Broad Street, Columbus, OH 43216-5000, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A FSC 4720

SPECIFICATIONS

MIL-H-5606	-	Hydraulic Fluid, Petroleum Base, Aircraft, Missile and Ordinance
MIL-PRF-7808	-	Lubricating Oil, Aircraft Turbine Engine, Synthetic Base
MIL-PRF-83282	-	Hydraulic Fluid, Fire Resistant, Synthetic Hydrocarbon Base Aircraft, Metric, NATO Code Number H-537
MIL-DTL-83797	-	Hose, Rubber, Lightweight, Medium Pressure, General Specification for
MIL-DTL-83798	-	Fitting, Rubber Hose, Lightweight, Medium Pressure, General Specification for
MIL-DTL-83798/1	-	Fittings, Rubber Hose, Lightweight, Medium Pressure, Flared, Swivel Nut, Straight
MIL-DTL-83798/2	-	Fittings, Rubber Hose, Lightweight, Medium Pressure, Flared, Swivel Nut, 45 Degrees
MIL-DTL-83798/3	-	Flared, Rubber Hose, Lightweight, Medium Pressure, Flared, Swivel Nut, 90 Degrees
MIL-DTL-83798/4	-	Fittings, Rubber Hose, Lightweight, Medium Pressure, Flareless, Swivel Nut, Straight
MIL-DTL-83798/5	-	Fittings, Rubber Hose, Lightweight, Medium Pressure, Flareless, Swivel Nut, 45 Degrees
MIL-DTL-83798/6	-	Fittings, Rubber Hose, Lightweight, Medium Pressure, Flareless, Swivel Nut, 90 Degrees
MIL-DTL-83798/7	-	Fittings, Rubber Hose, Lightweight, Medium Pressure, Swivel Flange, Straight
MIL-DTL-83798/8	-	Fittings, Rubber Hose, Lightweight, Medium Pressure, Swivel Flange, 45 Degrees
MIL-DTL-83798/9	-	Fittings, Rubber Hose, Lightweight, Medium Pressure, Swivel Flange, 90 Degrees

(See supplement 1 for list of associated detail specifications.)

STANDARDS

DEPARTMENT OF DEFENSE

MIL-STD-130	-	Identification Marking of U.S. Military Property
MS20756	-	Flange, Swivel, Retaining
MS33786	-	Fitting Installation, Flared Tube and Hose, Swivel

(Unless otherwise indicated, copies of the above specifications, standards, and handbooks are available from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.3 Non-Government publications. The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of the documents which are DoD adopted are those listed in the issue of the DoDISS cited in the solicitation. Unless otherwise specified, the issues of documents not listed in the DoDISS are the issues of the documents cited in the solicitation (see 6.2).

AMERICAN STANDARDS INSTITUTE (ANSI)

ANSI/NCSL Z540-1	-	Calibration Laboratories and Measuring and Test Equipment, General Requirements.

(Application for copies should be addressed to the American National Standards Institute, 1430 Broadway New York 10018-3308.)

SOCIETY OF AUTOMOTIVE ENGINEERS (SAE)

SAE AS1055	-	Fire Testing of Flexible Hose, Tube Assemblies, Coils, Fittings, and Similar System Components (DoD adopted)
SAE AS1072	-	Sleeve, Hose Assembly, Fire Protection (DoD adopted)
SAE AS1933	-	Age Controls for Hose Containing Age-Sensitive Elastomeric Materials (DoD Adopted)
SAE AS4395	-	Fitting End-Flared Tube Connection, Design Standard (DoD adopted)
SAE AS33514	-	Fitting End, Standard Dimensions for, Flareless Tube Connection and Gasket Seal (DoD Adopted)

(Application for copies should be addressed to the Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15086).

2.4 Order of precedence. In the event of a conflict between this document and the references cited herein, (except for related associated specifications or specification sheets) the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 Specification sheets. The individual item requirements shall be as specified herein and in accordance with the applicable specification sheet. In the event of any conflict between the requirements of this specification and the specification sheet, the latter shall govern.

3.2 First article. When specified (see 6.2), samples shall be subjected to first article inspection in accordance with 4.3.

3.3 Materials. Materials shall be of a quality that will allow compliance with the performance requirement of this specification.

3.3.1 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.

3.3.2 Hazardous substances. The use of hazardous substances, toxic chemicals, or Ozone Depleting Chemicals (ODCs) shall be avoided, whenever feasible.

3.4 Design and construction. The hose assembly shall be formed from a hose (see 3.4.1) coupled with end fittings (see 3.4.2) to meet the requirements specified herein and in the applicable specification sheet.

3.4.1 Hose. The hose shall have been qualified to MIL-DTL-83797.

3.4.1.1 Protective cover. When required for fire resistance, a cover in accordance with SAE AS1072 shall be furnished on the outside of the hose. The cover need not be bonded to the outer-most reinforcement ply, but shall not be free to slip or turn along the length of hose. The cover shall permit gas that may effuse from the inner tube to escape to the atmosphere.

3.4.2 Fittings. The fittings shall have been qualified to MIL-DTL-83798. The flared fitting shall mate with SAE AS4395; the flareless fittings shall mate with SAE AS33514; and the flange fitting shall mate with the mounting pad as shown on MS33786.

3.4.3 Hose assembly tolerances.

3.4.3.1 Length tolerances. Tolerances on hose assembly lengths shall be as follows:
±1/8 inch for lengths under 18 inches
±1/4 inch for lengths from 18 inches to 36 inches
±1/2 inch for lengths over 36 inches to 50 inches
±1 percent for lengths over 50 inches

3.4.3.2 Angular alignment tolerance. The angular alignment tolerance for the hose assembly elbow fitting shall be ±5° on hose lengths up to 36 inches and ±10° on hose lengths over 36 inches.

3.5 Performance.

3.5.1 Examination of product. The hose assemblies shall conform to the requirements of this specification and the applicable specification sheet when visually examined as specified in 4.7.1.

3.5.1.1 Cleanliness. The end fittings of the hose assemblies shall be capped or plugged and shall be free of all foreign materials, both internally and externally, which could adversely affect performance and reliability when examined as specified in 4.7.1.1.

3.5.1.2 Dimensions. The hose assembly shall be within the tolerances specified herein and on the applicable drawing when examined as specified in 4.7.1.2.

3.5.2 Inner tube bulge, straight fitting. The gage shall fall freely through the bulge under its own weight without lubrication, when tested as specified in 4.7.2.

3.5.3 Proof pressure. The hose assemblies shall not show any evidence of leakage, damage, or permanent deformation of the hose or end fittings, when tested as specified in 4.7.3.

3.5.4 Leakage. The hose assemblies shall not show any evidence of leakage through the hose or around the fittings, when tested as specified in 4.7.4.

3.5.5 Burst pressure. The hose shall not burst; the end fittings shall not become loose or separate from the hose and there shall not be any leakage from the hose or end fitting, below the specified burst pressure, when tested as specified in 4.7.5.

3.5.6 Fire resistant. When specified (see 6.2), the hose assembly shall not rupture or leak when tested as specified in 4.7.6.

3.6 Identification of product. The hose assembly shall be identified in accordance with MIL-STD-130. In addition the hose assembly shall have a permanently snug-fitting aluminum or stainless steel band around the hose near the end fitting. The band shall be designed to remain tight on the hose to prevent relative movement and resultant chafing. Where the hose assembly exceeds 4 feet in length, a band shall be attached near each end fitting of the assembly. The metal band shall be marked in raised, etched, or stamped lettering with the following information appropriately identified:

a. Specification number and hose size

b. Date of assembly in month and year

c. The rated working pressure in psi

d. Manufacturer's name, trademark, or CAGE code number

e. Manufacturer's part number

f. Hose manufacturer's Contractor and Government Entity (CAGE) number if different from hose assembly manufacturer

g. Hose cure date, quarter and year

h. Fire resistant (when applicable)

3.7 Age control. Hose assemblies shall not exceed the age limits established in SAE AS1933. Chlorinated Polyethylene (CPE) base hose may extend the SAE AS1933 limits and is acceptable to 12 years (48 quarters).

3.8 Cleanliness. The end fittings of the hose assembly shall be capped or plugged to prevent entrance of moisture and foreign matter. The caps or plugs shall be securely attached and shall withstand normal strains, jarring and vibrations encountered during shipping, storage and handling. Hose assembly with an uncovered fitting nipple end shall be considered as failure. The interior and exterior surfaces of the hose assembly shall be free from oil, grease, dirt, moisture, cleaning solvents and foreign materials.

3.9 Workmanship. The hose assembly, including all parts, shall be constructed and finished in a thoroughly workmanlike manner. All surfaces shall be free from burrs and sealing surfaces shall be smooth.

4. VERIFICATION

4.1 Test equipment and inspection facilities. Test and measuring equipment and inspection facilities of sufficient accuracy, quality, and quantity to permit performance of the required inspection shall be

established and maintained by the contractor. The establishment and maintenance of a calibration system to control the accuracy of the measuring and test equipment (i.e. Industry Standard, Military Standard, etc.) shall be in accordance with ANSI/NCSL Z540-1 or equivalent.

4.2 Classification of inspection. The inspection requirements specified herein are classified as follows:

a. First article inspection (see 4.4).

b. Conformance inspection (see 4.5).

1. Individual tests (see 4.5.1)

2. Sampling tests (see 4.5.2)

3. Periodic control tests (see 4.5.3)

4.3 Inspection conditions. Unless otherwise specified, all inspections shall be performed in accordance with the test conditions specified in 4.6.

4.4 First article. First article inspection shall be performed at a laboratory acceptable to the Government on sample units produced with equipment and procedures used in production. When the hose assembly manufacturer is also listed on the QPL for the hose and fittings used for the hose assembly, first article inspection shall be waived.

4.4.1 Samples for first article. Unless otherwise specified, after award of the contract or order, the manufacturer shall forward three hose assemblies, 24 $\pm$ 6 inches long, fabricated from random samples of the bulk hose and end fittings. The sample for the burst pressure test may be reduced to a 12 inch length to accommodate test equipment, if necessary. The samples shall be representative of the construction, workmanship, components, and materials to be used during production. When a manufacturer is in continuous production of the hose assemblies from one contract to another or has demonstrated within the past 2 years the capability to meet the requirements of this specification, inspection of additional first article samples for a new contract may be waived at the discretion of the acquiring activity (see 6.2). Approval of the first article samples or the waiving of first article inspection does not preclude the requirements for performing conformance inspection. First article samples shall be furnished to the Government as directed by the contracting officer (see 6.2).

4.4.2 Inspection routine. The sample(s) shall be subjected to the first article inspections specified in table I and in the specified sequence.

4.4.3 Failures. One or more failures shall be cause for refusal to grant first article approval.

4.5 Quality conformance inspection.

4.5.1 Individual tests. Inspection of the product for delivery shall consist of subjecting each hose assembly to the individual tests specified in table I. Any item filing to meet the requirements of the individual tests shall be immediately removed from the lot.

TABLE I. Inspection requirements.

Inspection or test	Requirement Paragraph	Test Method Paragraph	First Article	Quality conformance inspection		
				Individual tests 1/	Sampling tests	Periodic control tests
Examination of						
Hose assembly	3.5.1	4.7.1	X	X		
Cleanliness	3.5.1.1	4.7.1.1	X		X	
Dimensions	3.5.1.2	4.7.1.2	X		X	
Inner tube bulge	3.5.2	4.7.2	X			X
Proof pressure	3.5.3	4.7.3	X	X		
Leakage 2/	3.5.4	4.7.4	X			X
Burst pressure 2/	3.5.5	4.7.5	X			X
Fire resistance 3/	3.5.6	4.7.6	X			

1/ 100% inspection required on all hose assemblied supplied to this specification.
2/ These are destructive tests.
3/ This test need only be done when specified by the acquiring activity (see 6.2).

4.5.2 Sampling tests. Hose assemblies, selected to form an inspection sample (see 4.5.3.1), shall be subjected to the sampling tests specified in table I.

4.5.2.1 Inspection sample. An inspection sample shall consist of hose assemblies, of one inner diameter size, randomly selected without regard to quality. Eight samples from a lot size of 3,000 hose assemblies or 1 sample from each smaller lot size of 375 hose assemblies shall be subjected to the sampling tests. If there has been some production but the number hose assemblies produced has not reached 375 for a specific size within three years, the manufacturer shall perform sampling tests on 1 hose assembly of that size unless documented approval has been obtained from the acquiring activity.

4.5.2.2 Nonconformance of sampling tests. If one or more defects are found in the inspection sample, the acquiring activity shall be immediately notified and the production lot shall be rejected and not be supplied to this specification. Acceptance and shipment of the product shall be discontinued until corrective action, acceptable to the acquiring activity, has been taken. The corrective measures shall be performed on the materials or processes, or both, as warranted, and on all products considered subjected to the same failure. Once the corrective action has been completed, either the specified sampling test in which the original sample failed or all sampling tests may be required to be repeated on additional samples, at the option of the acquiring activity. However, final acceptance shall be withheld until testing has shown that the corrective action was successful. In the event of a failure after re-inspection, information concerning the failure and the corrective action taken shall be furnished to the acquiring activity.

4.5.3 Periodic control tests. For each size manufactured under essentially the same conditions, periodic control testing shall be performed on either 4 samples from every 10,000 hose assemblies produced or 1 sample from every 2,500 hose assemblies. If there has been some production but the number of hose assemblies produced has not reached 2,500 for a specific size within three years, the manufacturer shall perform periodic control tests on 1 hose assembly of that size unless documented approval has been obtained from the acquiring activity.

4.5.3.1 Periodic control test plan. Testing shall be in accordance with table I.

4.5.3.2 Nonconformance of periodic control tests. If a sample fails a periodic control test, the acquiring activity shall be immediately notified of such failure. Acceptance and shipment of the product shall be discontinued until corrective action, acceptable to the acquiring activity, has been taken. The corrective measures shall be performed on the materials or processes, or both, as warranted, and on all products considered subjected to the same failure. Once the corrective action has been completed, either the specific periodic control test in which the original sample failed or all periodic control tests may be required to be repeated on additional samples, at the option of the acquiring activity. Furthermore, the sampling tests may be reinstituted in addition to the periodic control tests if deemed applicable by the acquiring activity. However, final acceptance shall be withheld until testing has shown that the corrective action was successful. In the event of a failure after re-inspection, information concerning the failure and the corrective action taken shall be furnished to the acquiring activity.

4.5.4 Disposition of test specimens. Samples that have been subjected to any sampling or periodic control tests are considered damaged and shall not be delivered as part of a contract or purchase order.

4.5.5 Discontinuation and resumption of production. If there has been no production of a specific size for a period of three years or more, 3 samples shall be randomly selected from the first lot produced when production of that size has been resumed. One of the samples shall be subjected to the sampling tests and the remaining 2 shall be subjected to the periodic control tests (see table 1).

4.5.6 Acceptance of conformance inspection data. For identical requirements and test procedures, using an identical fitting, conformance inspection data from MIL-DTL-83797 or MIL-DTL-83798 may be accepted as conformance inspection data for MIL-DTL-83796, providing that documented approval has been obtained for the acquiring activity. When conformance inspection data from MIL-DTL-83797 is to be accepted as conformance inspection data for MIL-DTL-93896, two feet of bulk hose shall be considered to be the equivalent of one hose assembly.

4.6 Test conditions.

4.6.1 Temperature and pressure. Unless otherwise specified, tests shall be conducted at local ambient temperature and barometric pressure.

4.6.2 Test fluid. Unless otherwise specified, the test fluid used in testing the hose assemblies shall be hydraulic fluid conforming to MIL-PRF-5606 or MIL-PRF-83282 or lubrication oil conforming to MIL-PRF-7808 or water.

4.7 Methods of inspection. The following identified tests and test methods assure hose integrity within typical operating conditions and applications. Alternate commercial industry standard test methods are allowed; however when an alternate method is used, documented approval must be obtained from the acquiring methods and shall be the referee method in case of dispute.

4.7.1 Examination of product. The hose assembly shall be examined for identification markings, workmanship, and whether both ends are firmly sealed with a protective device. With documented approval from the acquiring activity, statistical quality control may be used for marking and workmanship examination. Requirements shall be as specified in 3.5.1.

TABLE III. Physical requirements of hose assemblies.

Hose size	Operating Pressure, psi (max)	Proof Pressure 1/, psi	Burst Pressure, psi (min)	Operating Temperature (fluid or ambient)
-3	1,000	3,000	6,000	-65°F to +250°F
-4	1,000	3,000	6,000	-65°F to +250°F
-5	1,000	3,000	6,000	-65°F to +250°F
-6	1,000	3,000	6,000	-65°F to +250°F
-8	1,000	2,500	5,000	-65°F to +250°F
-10	1,000	2,500	5,000	-65°F to +250°F
-12	1,000	2,000	4,000	-65°F to +250°F
-16	750	1,500	3,000	-65°F to +250°F
-20	500	1,300	2,000	-65°F to +250°F
-24	250	800	1,750	-65°F to +250°F
-32	200	600	1,200	-65°F to +250°F

1/ Assemblies having aluminum flange fittings shall be pressure tested at the rated proof pressure or 1,500 psi, whichever is less (see MS20756).

4.7.1.1 Cleanliness. The hose assembly shall be visually examined without magnification both internally and externally for conformance to the requirements specified in 3.5.1.1.

4.7.1.2 Dimensions. The hose assembly shall be checked dimensionally to determine conformance to the tolerances specified herein and on the applicable drawings. Conformance shall be as specified in 3.5.1.2.

4.7.2 Inner tube bulge, straight fitting. The measurement of the bulging of hose inner tubes caused by attachment of the fitting shall be made only on straight fittings with a ball-end type gage on a gage ball. The diameter of the ball shall be within 0.001-inch of the minimum bulge diameter specified on figure 1. The weight of each gage in ounces shall be equal to the dash number of the fitting being tested. The gage shall be placed inside the end of the assembly without lubrication, and without pushing through. Conformance shall be as specified in 3.5.2.

4.7.3 Proof pressure test. The hose assemblies shall be subjected to the proof pressure of table III for not less than 30 seconds and not more than 5 minutes, using oil conforming to MIL-PRF-7808 or hydraulic fluid conforming to MIL-PRF-5606 or MIL-PRF-83232 or water. Conformance shall be as specified in 3.5.3.

4.7.4 Leakage. The hose assemblies shall be subjected to 70 percent of the minimum burst pressure specified in table III for 5 minutes, using oil conforming to MIL-PRF-7808. The pressure shall then be released to 0 psi and then reapplied to 70 percent of minimum burst pressure and held for an additional 5 minutes. Conformance shall be as specified in 3.5.4.

4.7.5 Burst pressure. The hose assemblies shall be pressurized until failure, using MIL-PRF-7808 oil, MIL-PRF-83282 or MIL-PRF-5606 hydraulic fluid, or water. The rate of pressure rise shall be 25,000 psi, +0 psi, -10,000 psi per minute. The minimum burst pressure shall be as specified in table III. The type of failure and pressure at which failure occurred shall be recorded. Conformance shall be as specified in 3.5.5.

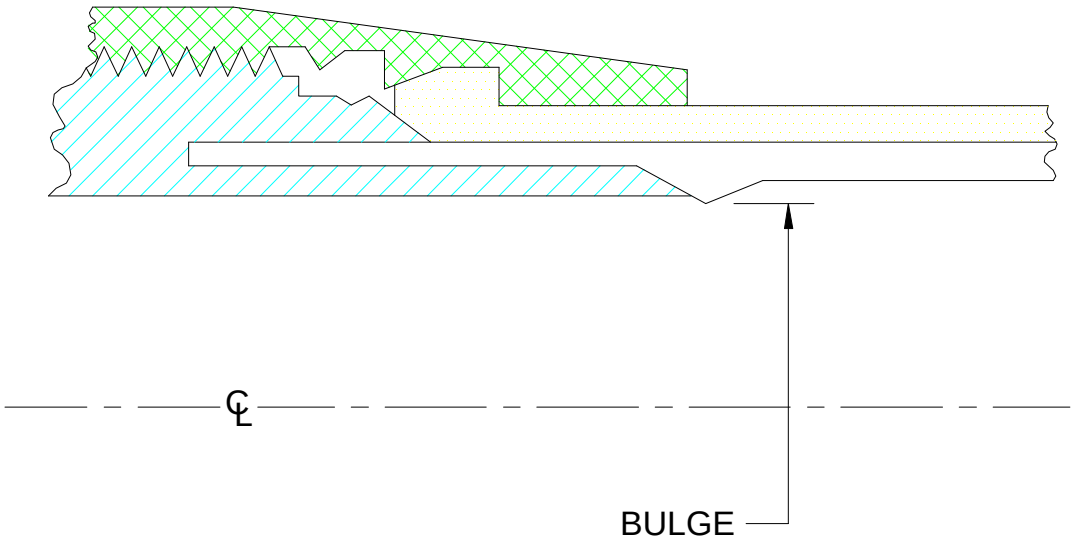
4.7.6 Fire resistance. When specified (see 6.2), the hose assembly shall be tested for fire resistance in accordance with SAE AS1055, type I, class A or the fire resistance provisions of TSO-C530a, Type C. The hose assembly shall meet the requirements specified in 3.5.6. A protective sleeve over the hose may be used to comply with this requirement.

5. PACKAGING

5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When actual packaging of material is to be performed by DoD personnel, these personnel need to contact the responsible packaging activity to ascertain requisite packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military Department or Defense Agency, or within the Military Department's System Command. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

6. NOTES

(This section contains information of a general or explanatory nature which may be helpful, but is not mandatory).



Hose size	Minimum bulge diameter (inch)	Hose size	Minimum bulge diameter (inch)
-3	.094	-10	.469
-4	.141	-12	.563
-5	.203	-16	.750
-6	.266	-20	1.000
-8	.344	-24	1.250
		-32	1.625

FIGURE 1. Inner tube bulge.

6.1 Intended use. The items covered by this specification are military unique hose assemblies used in military aircraft lubricating and fuel systems requiring interoperability and compatibility with associated components and equipment. These systems are required to withstand temperatures between -65°F to +250°F. The first article process ensures the items will meet the proof pressure and burst pressure requirements. The interoperability and compatibility has been assured through strict adherence to the military detail specification sheet requirements. Manufacturer of these items and users place great reliance on the detailed technical requirements to ensure the products meet the interoperability and compatibility requirements while encountering rapid ambient temperature fluctuations.

6.1.1 Fire resistance. Where fire resistance is a consideration.

6.2 Acquisition requirements. Acquisition documents must specify the following:

a. Title, number, and date of this specification, including amendments.

b. Applicable part number.

c. Issue of DoDISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.2.1 and 2.3).

d. Whether fire resistance is required (see 3.5.6, 4.7.6, and 6.1.1).

e. Whether first article inspection is waived (see 4.4 & 4.4.1).

f. Name and address of the first article inspection test facility to which first article samples are to be forwarded (see 4.4.1) and the name and address of the Government activity responsible for conducting the first article inspection program (see 6.3).

g. Packaging requirements (see 5.1).

6.3 First article. When a first article inspection is required, the item(s) should be a first article sample. The contracting officer should include specific instructions in acquisition documents regarding arrangements for examinations, approval of first article test results, and disposition of first articles. Invitations for bids should provide that the Government reserves the right to waive the requirement for samples for first article inspection to those bidders offering a product which has been previously acquired or tested by the Government, and that bidders offering such products, who wish to rely on such production or test, must furnish evidence with the bid that prior Government approval is presently appropriate for the pending contract.

6.4 Subject term (key word) listing.

Fire resistant
Lightweight
Lubricating oil systems
Oil resistant
Medium pressure

6.5 International system of units (SI). The FED-STD-376, Preferred Metric Units for General Use by the Federal Government - A Guide to the Use of SI, the International System of Units, can be used for the conversion to SI units. The following conversion factors are applicable to this specification.

Pounds per square inch (psi) X 6.894	= Kilopascals (kPa)
Degrees Fahrenheit (°F)	= Degrees Celsius (°c) X 1.8 + 32
Inches X 25.4	= Millimetres (mm)

6.6 Changes from previous issues. Asterisks are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

Custodians:
Air Force - 99
Army - AV
DLA - CC
Navy - AS

Review activities:
Air Force - 11, 82
Army - AT
Navy - MC, SA

Preparing activity:
DLA - CC

(Project 4720-0211)

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

INSTRUCTIONS

1. **The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.**

2. **The submitter of this form must complete blocks 4, 5, 6, and 7.**

3. **The preparing activity must provide a reply within 30 days from receipt of the form.**
   NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

I RECOMMEND A CHANGE:	1. DOCUMENT NUMBER MIL-DTL-83796A	2. DOCUMENT DATE (*YYMMDD*) 00/09/18

3. DOCUMENT TITLE
Hose Assembly, Rubber, Lightweight, Medium Pressure, General Specification For

4. NATURE OF CHANGE (*Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.*)

5. REASON FOR RECOMMENDATION

6. SUBMITTER

a. NAME (*Last, First, Middle Initial*)	b. ORGANIZATION	
c. ADDRESS (*Include Zip Code*)	d. TELEPHONE (*Include Area Code*) (1) Commercial: (2) DSN: (*If Applicable*)	7. DATE SUBMITTED (*YYMMDD*)

8. PREPARING ACTIVITY DLA-CC

a. NAME COMMANDER DEFENSE SUPPLY CENTER COLUMBUS	b. TELEPHONE NUMBER (*Include Area Code*) (1) Commercial (614) 692-0538 (2) DSN 850-0538 Fax: (614) 692-6939
c. ADDRESS (*Include Zip Code*) CODE DSCC-VAI 3990 EAST BROAD STREET COLUMBUS, OH 43216-5000	IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT: Defense Standardization Program Office, Attn: DLSC-LM 8725 John J. Kingman Road, Suite 1655 Fort Belvoir, VA 22060-6221 Telephone (703) 767-6888 DSN 427-6888